

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <small>(Use several sheets if necessary)</small>				ATTY DOCKET NO. 4633-0103P		APPLICATION NO. NEW			
				APPLICANT OHNISHI, Noriaki et al.					
				FILING DATE August 22, 2003		GROUP			
<b>U.S. PATENT DOCUMENTS</b>									
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
<b>FOREIGN PATENT DOCUMENTS</b>									
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
HN	JP	2-55322	A	1990-02-23	JP	X	X	X	
	JP	9-96824	A	1997-04-08	JP			X	
V	JP	8-171084	A	1996-07-02	JP			X	
HN	JP	2001-83480	A	2001-03-30	JP			X	
<b>OTHER DOCUMENTS</b> <small>(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)</small>									
HN	H. Ichinose et al., Preliminary Material of 23 <sup>rd</sup> Liquid Crystal Symposium, Tokyo, pp. 212-213, 1997.								
EXAMINER					DATE CONSIDERED	12/29/04			
<small>EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>									



Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
4633-103PAPPLICATION NO.  
10/645,518APPLICANT  
OHNISHI et al.FILING DATE  
August 22, 2003GROUP  
Not assigned**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
HN	US 6,061,103		2000-05-09	OKAMURA et al.	<del>X</del>	<del>X</del>	
HN	US 6,535,194	B1	2003-03-18	HANANO et al.			
	US						
	US						
	US						
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	US						
	US						

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)


EXAMINER

DATE CONSIDERED

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